

# SID HAYOUN LEE

## FULLSTACK SOFTWARE ENGINEER

### CONTACT

 647-617-5998  
 sidhlee@gmail.com  
 [www.sidhlee.com](http://www.sidhlee.com)  
 Hamilton, ON, Canada

### SKILLS

HTML, CSS, Sass, JavaScript, Typescript,  
React, React Native, Jest, Cypress, TDD,  
REST, RPC, GraphQL, ProtoBuf,  
Node.js, Express, MongoDB, Firebase,  
Python, Django, Postgres, Docker, AWS,  
Git, Jira, Terraform, K8S, Datadog

### EDUCATION

#### Full Stack Certificate

#### freeCodeCamp

2018-2020

Completed 1800+ hours of coursework  
and finished 35 projects using full-stack  
web technologies.

#### Master of Music (M.Mus)

#### University of Toronto

2008 - 2010

With a concentration in Jazz Performance  
and Composition.

### LANGUAGES

English, Korean, and Bebop

### PROFILE

Experienced Software Engineer with expertise in full-stack web development, currently at Wave HQ. Proficient in Python Django, React, React Native, and GraphQL, I've achieved a 99% reduction in malicious activity and led successful data migrations. As a Full-Stack Web Developer/Mentor, I've overseen numerous projects and fostered student growth. Previously, I excelled as a Professional Musician, Cooperative Professor at Dongduk Women's University, and Lecturer at Seoul National University, demonstrating my diverse skills and commitment to excellence.

### WORK EXPERIENCE

#### Software Engineer

Wave HQ

2021-2023

- Led a team responsible for planning and implementing new features in the large-scale microservice backend and React frontend of a fintech SaaS application.
- Successfully delivered a security feature, resulting in a 99% reduction in malicious activity.
- Owned and executed a critical monolith-to-microservice data migration.
- Developed system monitoring dashboards and was in rotation as an on-call engineer.
- Collaborated closely with stakeholders, including product, design, and customer experience teams, serving over 4 million small business owners.

#### Full-Stack Web Developer

Sid Hayoun Lee, Freelance

2020-2022

- Developed websites, web applications, and single-page apps using various full-stack technologies, including React, Redux, TypeScript, Firebase, Node.js, Express, MongoDB, and more.
- Contributed to 50+ projects, including full-stack MERN applications, and maintained an active GitHub profile with 3,156 contributions.
- Mentored students at Juno College of Technology, fostering their skills and knowledge in web development.

#### Music Professor

Dongduk Women's University

2016-2020

- Developed and instructed over 10 undergraduate and graduate music courses, covering music theory and production.
- Conducted auditions for admissions to the undergraduate and graduate music programs.
- Oversaw student concerts and ensembles as a director.